

5

10

WHAT IS CLAIMED IS:

1. A method for the treatment of cancerous cell growth mediated by raf kinase comprising administering a compound of formula I



15

20

25

wherein B is a substituted or unsubstituted, up to tricyclic, aryl or heteroaryl moiety of up to 30 carbon atoms with at least one 5- or 6-member aromatic structure containing 0-4 members of the group consisting of nitrogen, oxygen and sulfur, wherein if B is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of halogen, up to per-halosubstitution, and X_n , wherein n is 0-3 and each X is independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{C}(\text{O})\text{R}^5$, $-\text{NO}_2$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_2\text{-C}_{10}$ alkenyl, $\text{C}_1\text{-C}_{10}$ alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted $\text{C}_2\text{-C}_{10}$ alkenyl, substituted $\text{C}_1\text{-C}_{10}$ alkoxy, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl and $-\text{Y-Ar}$;

30

wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NO}_2$, $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$ and halogen up to per-halo substitution;

wherein R^5 and $\text{R}^{5'}$ are independently selected from H, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_2\text{-C}_{10}$ alkenyl, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, up to per-halosubstituted $\text{C}_1\text{-C}_{10}$ alkyl, up to per-halosubstituted $\text{C}_2\text{-C}_{10}$

009799-09704960

Sub
a'

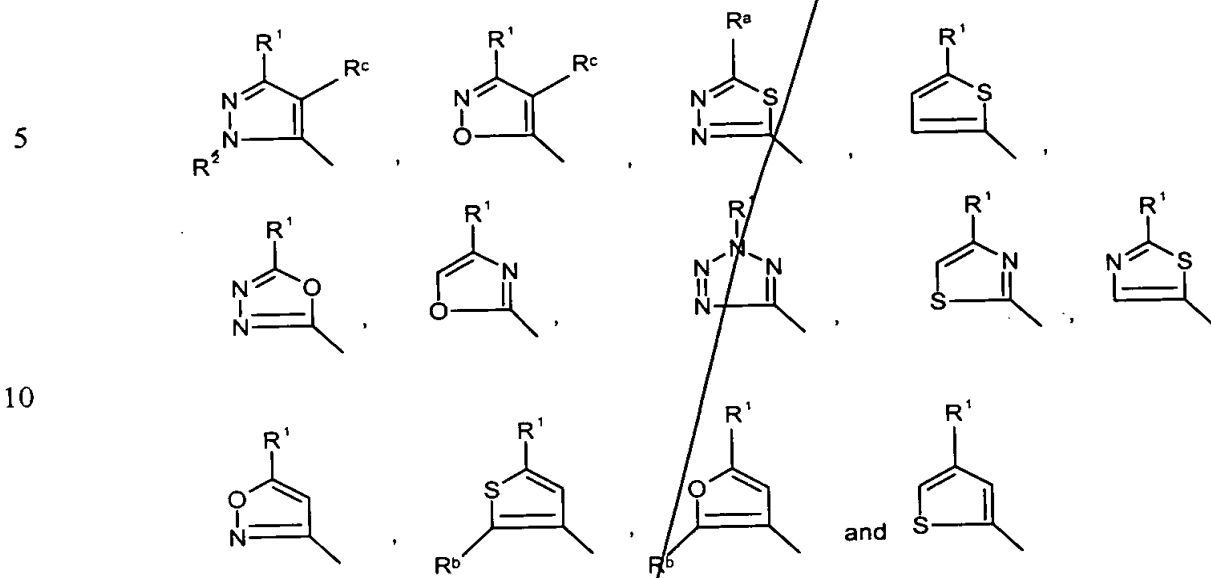
5

10

15

20

A is a heteroaryl moiety selected from the group consisting of



R^1 is selected from the group consisting of halogen, C_3 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, C_1 - C_{13} heteroaryl, C_6 - C_{14} aryl, C_7 - C_{24} alkaryl, up to per-halosubstituted C_1 - C_{10} alkyl, up to per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_1 - C_{13} heteroaryl, up to per-halosubstituted C_6 - C_{14} aryl, and up to per-halosubstituted C_7 - C_{24} alkaryl;

R^2 is selected from the group consisting of H, $-C(O)R^4$, $-CO_2R^4$, $-C(O)NR^3R^{3'}$, C_1 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, substituted C_1 - C_{10} alkyl, substituted C_3 - C_{10} cycloalkyl, substituted C_7 - C_{24} alkaryl and substituted C_4 - C_{23} alkheteroaryl,

where R^2 is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-CN$, $-CO_2R^4$, $-C(O)NR^3R^{3'}$, $-NO_2$, $-OR^4$, $-SR^4$, and halogen up to per-halosubstitution,

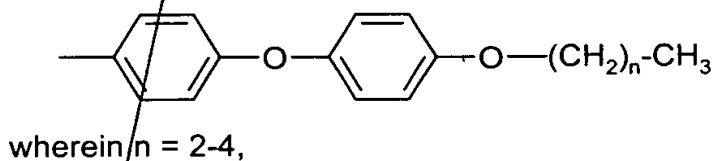
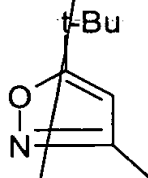
wherein R^3 and $R^{3'}$ are independently selected from the group consisting of H, $-OR^4$, $-SR^4$, $-NR^4R^{4'}$, $-C(O)R^4$, $-CO_2R^4$, $-C(O)NR^4R^{4'}$, C_1 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, up to per-halosubstituted C_1 - C_{10} alkyl, up to per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-

halosubstituted C_6-C_{14} aryl and up to per-halosubstituted C_3-C_{13} heteroaryl; and
 wherein R^4 and R^4 are independently selected from the group consisting of H,
 C_1-C_{10} alkyl, C_3-C_{10} cycloalkyl, C_6-C_{14} aryl, C_3-C_{13} heteroaryl; C_7-C_{24} alkaryl, C_4-C_{23}
 alkheteroaryl, up to per-halosubstituted C_1-C_{10} alkyl, up to per-halosubstituted C_3-C_{10}
 5 cycloalkyl, up to per-halosubstituted C_6-C_{14} aryl and up to per-halosubstituted C_3-C_{13}
 heteroaryl,

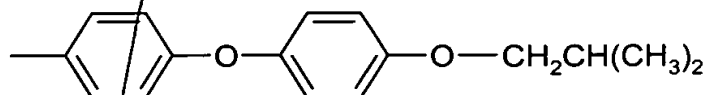
R^a is C_1-C_{10} alkyl, C_3-C_{10} cycloalkyl, up to per-halosubstituted C_1-C_{10} alkyl and
 up to per-halosubstituted C_3-C_{10} cycloalkyl; and

R^b is hydrogen or halogen,

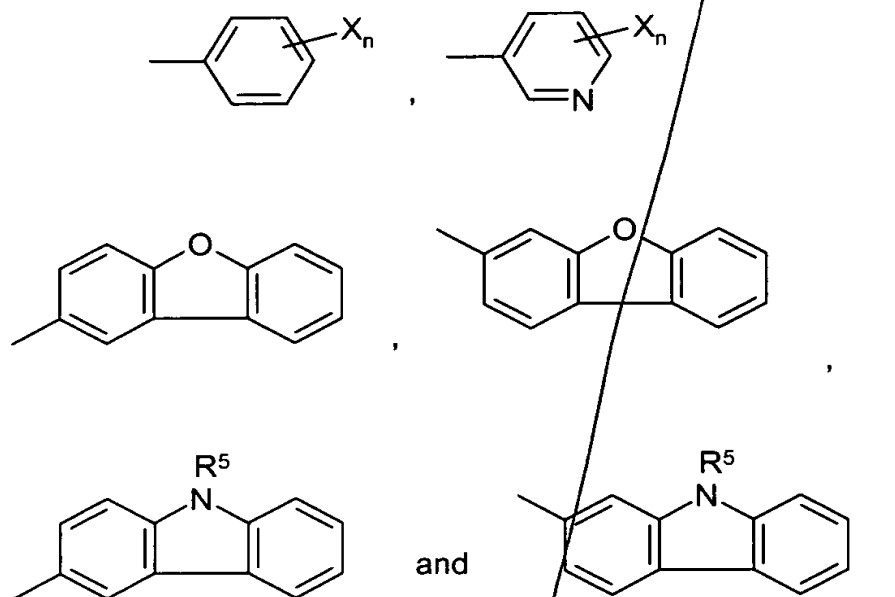
10 R^c is hydrogen, halogen, C_1-C_{10} alkyl, up to per-halosubstituted C_1-C_{10} alkyl or
 combines with R^1 and the ring carbon atoms to which R^1 and R^c are bound to form a
 5- or 6-membered cycloalkyl, aryl or heteroaryl ring with 0-2 members selected from O,
 N and S;
 subject to the proviso that where A is



or



2. A method as in claim 1, wherein B is up to a tricyclic aromatic ring structure selected from the group consisting of



which is substituted or unsubstituted by halogen, up to per-halosubstitution, and wherein

$n = 0-3$ and

each X is independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{C}(\text{O})\text{R}^5$, $-\text{NO}_2$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, C_1 - C_{10} alkyl, C_2 - C_{10} alkenyl, C_1 - C_{10} alkoxy, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_7 - C_{24} alkaryl, C_3 - C_{13} heteroaryl, C_4 - C_{23} alkheteroaryl, and substituted C_1 - C_{10} alkyl, substituted C_2 - C_{10} alkenyl, substituted C_1 - C_{10} alkoxy, substituted C_3 - C_{10} cycloalkyl, substituted C_4 - C_{23} alkheteroaryl and $-\text{Y}-\text{Ar}$;

wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, NO_2 , $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$ and halogen up to per-halosubstitution;

wherein R^5 and $\text{R}^{5'}$ are independently selected from H, C_1 - C_{10} alkyl, C_2 - C_{10} alkenyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, up to per-halosubstituted C_1 - C_{10} alkyl, up to per-halosubstituted C_2 - C_{10}

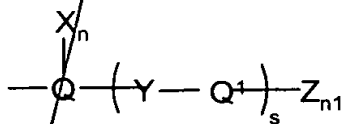
alkenyl, up to per-halosubstituted C₃-C₁₀ cycloalkyl, up to per-halosubstituted C₆-C₁₄ aryl and up to per-halosubstituted C₃-C₁₃ heteroaryl,

wherein Y is -O-, -S-, -N(R⁵)-, -(CH₂)_m-, -C(O)-, -CH(OH)-, -(CH₂)_mO-,
 5 -NR⁵C(O)NR⁵NR^{5'}-, -NR⁵C(O)-, -C(O)NR⁵-, -(CH₂)_mS-, -(CH₂)_mN(R⁵)-, -O(CH₂)_m-,
 -CHX^a-, -CX^a₂-, -S-(CH₂)_m- and -N(R⁵)(CH₂)_m-,

m = 1-3, and X^a is halogen; and

Ar is a 5-10 member aromatic structure containing 0-2 members of the group consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by halogen up to per-halosubstitution and optionally substituted by Z_{n1}, wherein n1 is 0 to
 10 3 and each Z is independently selected from the group consisting of -CN, =O,
 -CO₂R⁵-, -C(O)NR⁵R^{5'}-, -C(O)R⁵-, -NO₂-, -OR⁵-, -SR⁵-, -NR⁵R^{5'}-, -NR⁵C(O)OR^{5'}-, -C(O)R⁵-,
 -NR⁵C(O)R^{5'}-, -SO₂R⁵-, -SO₂R⁵R^{5'}-, C₁-C₁₀ alkyl, C₁-C₁₀ alkoxy, C₃-C₁₀ cycloalkyl, C₆-
 C₁₄ aryl, C₃-C₁₃ heteroaryl, C₇-C₂₄ alkaryl, C₄-C₂₃ alkheteroaryl, substituted C₁-C₁₀
 15 alkyl, substituted C₃-C₁₀ cycloalkyl, substituted C₇-C₂₄ alkaryl and substituted C₄-C₂₃
 alkheteroaryl; wherein if Z is a substituted group, it is substituted by one or more
 substituents independently selected from the group consisting of -CN, -CO₂R⁵-,
 -C(O)NR⁵R^{5'}-, -OR⁵-, -SR⁵-, -NO₂-, -NR⁵R^{5'}-, =O, -NR⁵C(O)R^{5'}-, -NR⁵C(O)OR^{5'}-, C₁-C₁₀
 alkyl, C₁-C₁₀ alkoxy, C₃-C₁₀ cycloalkyl, C₃-C₁₃ heteroaryl, C₆-C₁₄ aryl, C₄-C₂₄
 alkheteroaryl and C₇-C₂₄ alkaryl.

3. A method of claim 1, wherein B is



wherein

Y is selected from the group consisting of -O-, -S-, -CH₂-, -SCH₂-, -CH₂S-,
 25 -CH(OH)-, -C(O)-, -CX^a₂-, -CX^aH-, -CH₂O- and -OCH₂-,

X^a is halogen,

Q is a six member aromatic structure containing 0-2 nitrogen, substituted or
 unsubstituted by halogen, up to per-halosubstitution;

5

4. A method as in claim 3, wherein

10

15

20

R1c1cc(NC(=O)NB)nn1R2

Sub
a2

$$\begin{array}{c} X_n \\ | \\ -Q- \end{array} \left(\begin{array}{c} \diagup \\ \diagdown \end{array} \right) (Q^1)_s - Z_{n1}$$

25 wherein Q is phenyl or pyridinyl, Q' is pyridinyl, phenyl or benzothiazolyl, Y is -O-,

-S-, -CH₂S-, -SCH₂-, -CH₂O-, -OCH₂- or -CH₂-, and Z is -SCH₃ or -NH-C(O)-C_pH_{2p+1}, wherein p is 1-4, n = 0, s = 1 and n1 = 0-1.

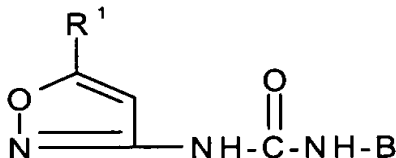
7. A method as in claim 1 comprising administering a compound selected from the group consisting of

N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-phenyloxyphenyl)urea;
N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(3-(3-methylaminocarbonylphenyl)oxyphenyl)urea;
N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;
N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;
N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;
N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)methylphenyl)urea;
N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-phenyloxyphenyl)urea;
N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;
N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)thiomethylphenyl)urea;
N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;
N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;
N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)methyloxyphenyl)urea;
N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(2-benzothiazolyl)oxyphenyl)urea;
N-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)thiophenyl) urea;
N-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)thiophenyl) urea;
N-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)oxyphenyl) urea;
N-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)oxyphenyl) urea;
N-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)thiophenyl) urea;
N-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)thiophenyl) urea;
N-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)oxyphenyl) urea;
N-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)oxyphenyl) urea;

and pharmaceutically acceptable salts thereof.

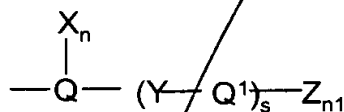
8. A method as in claim 5, wherein R¹ is *t*-butyl.

9. A method as in claim 1 comprising administering a compound of the formula



wherein R¹ and B are as defined in claim 1.

10. A method as in claim 9, wherein B is of the formula



Q is phenyl or pyridinyl, Q¹ is pyridinyl, phenyl or benzothiazolyl, Y is -O-, -S-, -C(O)- or -CH₂-, X is -CH₃ and Z is -NH-C(O)-CₚH₂ₚ₊₁, wherein p is 1-4, -CH₃, -OH, -OCH₃, -C₂H₅, -CN or -C(O)CH₃, n = 0 or 1, s = 0 or 1 and n1 = 0 or 1.

11. A method as in claim 1 comprising administering a compound selected from the group consisting of:

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(4-hydroxyphenyl)oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(3-hydroxyphenyl)oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(4-acetylphenyl)oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(3-benzoylphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-phenyloxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(3-methylaminocarbonylphenyl)-thiophenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(4-(1,2-methylenedioxy)phenyl)-oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(3-pyridinyl)oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(4-pyridinyl)oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(4-pyridyl)thiophenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(4-(4-pyridinyl)methylphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(3-(4-pyridinyl)oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(3-(4-pyridinyl)thiophenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(3-(3-methyl-4-pyridinyl)oxyphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N*'-(3-(3-methyl-4-pyridinyl)thiophenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(3-methyl-4-pyridinyl)thiophenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(4-methyl-3-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(3-methyl-4-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(2-benzothiazolyl)oxyphenyl)urea;

5 *N*-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-chloro-4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

10 *N*-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-thiophenyl) urea;

N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(2-methyl-4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(4-(2-carbamoyl)pyridyl)oxyphenyl) urea;

15 *N*-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-(4-(2-carbamoyl)pyridyl)oxyphenyl) urea;

N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

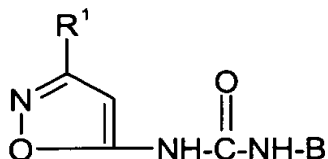
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(4-(2-methylcarbamoyl)pyridyl)-thiophenyl) urea;

20 *N*-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-chloro-4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(3-methylcarbamoyl)phenyl)oxyphenyl) urea; and pharmaceutically acceptable salts thereof.

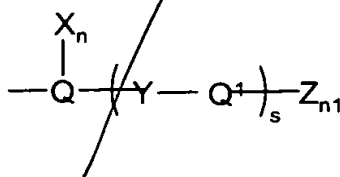
25 12. A method as in claim 10, wherein R¹ is t-butyl.

13. A method as in claim 1 comprising administering a compound of the formula



wherein R¹ and B are as defined in claim 1.

30 14. A method as in claim 13, wherein B is of the formula



Q is is phenyl or pyridinyl, Q' is phenyl, benzothiazolyl or pyridinyl, Y is -O-, -S- or -CH₂-, Z is -CH₃, -Cl, -OC₂H₅ or -OCH₃, n = 0, s = 1, and n1 = 0 or 1.

15. A method as in claim 1 comprising administering a compound selected from the group consisting of

- 5 *N*-(3-Isopropyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;
N-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-methoxyphenyl)oxyphenyl)urea;
N-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(5-(2-(4-acetylphenyl)oxy)pyridinyl)urea;
N-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;
N-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)methylphenyl)urea;
10 *N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;
N-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;
N-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-methyl-3-pyridinyl)oxyphenyl)urea;
N-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(3-(2-benzothiazolyl)oxyphenyl)urea;
N-(3-(1,1-Dimethylpropyl)-5-isoxazolyl)-*N'*-(4-(4-
15 methylphenyl)oxyphenyl)urea;
N-(3-(1,1-Dimethylpropyl)-5-isoxazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;
N-(3-(1,1-Dimethylpropyl)-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;
N-(3-(1,1-Dimethylpropyl)-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;
N-(3-(1,1-Dimethylpropyl)-5-isoxazolyl)-*N'*-(5-(2-(4-
20 methoxyphenyl)oxy)pyridinyl)urea;
N-(3-(1-Methyl-1-ethylpropyl)-5-isoxazolyl)-*N'*-(4-(4-
pyridinyl)oxyphenyl)urea;
N-(3-(1-Methyl-1-ethylpropyl)-5-isoxazolyl)-*N'*-(3-(4-
pyridinyl)thiophenyl)urea;
25 *N*-(3-isopropyl-5-isoxazolyl)-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-
oxyphenyl) urea;
N-(3-isopropyl-5-isoxazolyl)-*N'*-(4-(4-(2-methylcarbamoyl)pyridyl)-
oxyphenyl) urea;
N-(3-*tert*-butyl-5-isoxazolyl)-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-
30 oxyphenyl) urea;
N-(3-*tert*-butyl-5-isoxazolyl)-*N'*-(4-(4-(2-methylcarbamoyl)pyridyl)-
oxyphenyl) urea;
N-(3-*tert*-butyl-5-isoxazolyl)-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-
thiophenyl) urea;
35 *N*-(3-(1,1-dimethylprop-1-yl)-5-isoxazolyl)-*N'*-(3-(4-(2-
methylcarbamoyl)pyridyl)-oxyphenyl) urea;

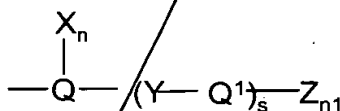
5

and pharmaceutically acceptable salts thereof.

10

RbC1C(R1)C=CC(S1)NC(=O)NB

18. A method as in claim 17, wherein B is of the formula



15

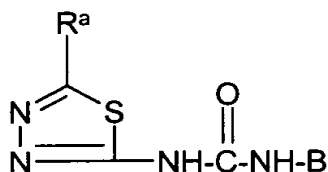
20

and pharmaceutically acceptable salts thereof.

25

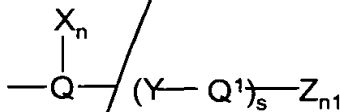
20. A method as in claim 17, wherein R¹ is t-butyl.

21. A method as in claim 1 comprising administering a compound of the formula



wherein R^a and B are as defined in claim 1.

5 22. A method as in claim 21, wherein B is of the formula



wherein Q is phenyl, Q^1 is phenyl or pyridinyl, Y is -O- or -S-, $s = 1$, $n = 0$ and $n1 = 0$.

10 23. A method as in claim 2 comprising administering a compound selected from the group consisting of:

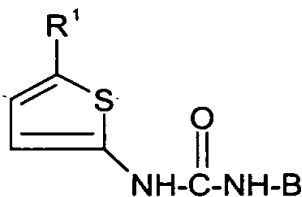
N-(5-*tert*-Butyl-2-(1-thia-3,4-diazolyl))-*N*'-(3-(4-pyridinyl)thiophenyl)urea;

N-(5-*tert*-Butyl-2-(1-thia-3,4-diazolyl))-*N*'-(4-(4-pyridinyl)oxyphenyl)urea;

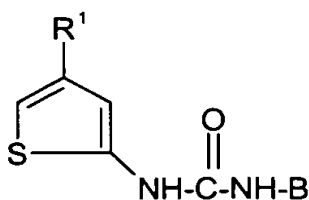
and pharmaceutically acceptable salts thereof.

15 24. A method as in claim 21, wherein R^a is CF_3 - or *t*-butyl.

25. A method as in claim 1 comprising administering a compound of one of the formulae

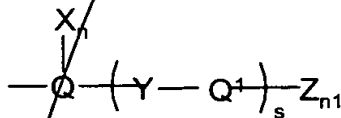


or



wherein R^1 and B are as defined in claim 1.

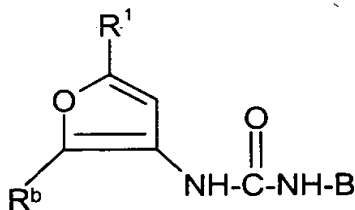
26. A method as in claim 25, wherein B is up to per-halosubstituted phenyl, up to perhalosubstituted pyridinyl, or of the formula



5 wherein Q is phenyl, Q^1 is phenyl or pyridinyl, and Y is -O- or -S-, Z is -Cl, -CH₃, -OH or -OCH₃, $n = 0$, $s = 0$ or 1 and $n1 = 0-2$.

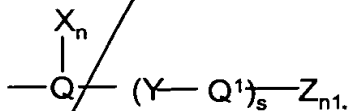
27. A method as in claim 25, wherein R^1 is t-butyl.

10 28. A method as in claim 1, comprising administering a compound of the formulae



wherein R^1 and R^b and B are as defined in claim 1.

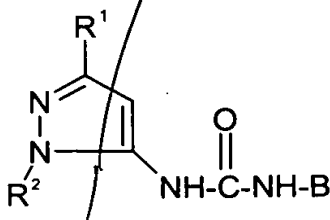
29. A method as in claim 28, wherein B is of the formula



15 wherein Q is phenyl, Q^1 is phenyl or pyridinyl, and Y is -O- or -S-, Z is -Cl or -OCH₃, $n = 0$, $s = 0$ or 1 and $n1 = 0-2$.

30. A method as in claim 28, wherein R^1 is t-butyl.

20 31. A compound of the formula



5 wherein R^2 is selected from the group consisting of H, $-C(O)R^4$, $-CO_2R^4$,
 $-C(O)NR^3R^3$, C_1-C_{10} alkyl, C_3-C_{10} cycloalkyl, C_7-C_{24} alkaryl, C_4-C_{23} alkheteroaryl,
 substituted C_1-C_{10} alkyl, substituted C_3-C_{10} cycloalkyl, substituted C_7-C_{24} alkaryl and
 substituted C_4-C_{23} alkheteroaryl, where if R^2 is a substituted group, it is substituted by
 one or more substituents independently selected from the group consisting of -CN,
 10 $-CO_2R^4$, $-C(O)-NR^3R^3$, $-NO_2$, $-OR^4$, $-SR^4$, and halogen up to per-halosubstitution,

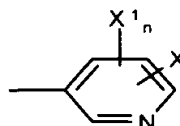
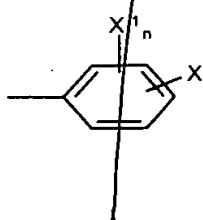
wherein R^3 and R^3 are independently selected from the group consisting of H,
 $-OR^4$, $-SR^4$, $-NR^4R^4$, $-C(O)R^4$, $-CO_2R^4$, $-C(O)NR^4R^4$, C_1-C_{10} alkyl, C_3-C_{10} cycloalkyl,
 C_6-C_{14} aryl, C_3-C_{13} heteroaryl, C_7-C_{24} alkaryl, C_4-C_{23} alkheteroaryl, up to per-
 halosubstituted C_1-C_{10} alkyl, up to per-halosubstituted C_3-C_{10} cycloalkyl, up to per-
 15 halosubstituted C_6-C_{14} aryl and up to per-halosubstituted C_3-C_{13} heteroaryl; and

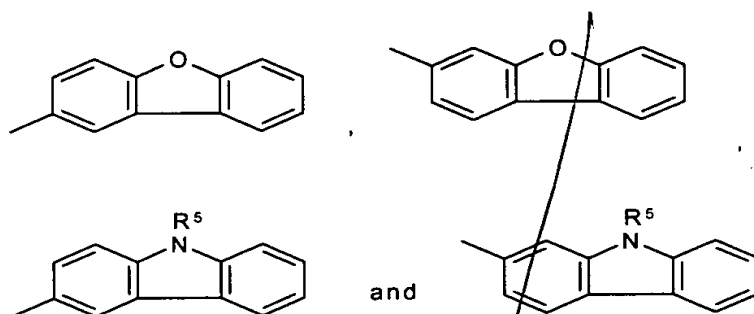
wherein R^4 and R^4 are independently selected from the group consisting of H,
 C_1-C_{10} alkyl, C_3-C_{10} cycloalkyl, C_6-C_{14} aryl, C_3-C_{13} heteroaryl; C_7-C_{24} alkaryl, C_4-C_{23}
 alkheteroaryl, up to per-halosubstituted C_1-C_{10} alkyl, up to per-halosubstituted C_3-C_{10}
 cycloalkyl, up to per-halosubstituted C_6-C_{14} aryl and up to per-halosubstituted C_3-C_{13}
 20 heteroaryl,

wherein R^1 is selected from the group consisting of halogen, C_3-C_{10} alkyl, C_{1-13}
 heteroaryl, C_6-C_{14} aryl, C_7-C_{24} alkaryl, C_3-C_{10} cycloalkyl, up to per-halosubstituted C_1-
 C_{10} alkyl and up to per-halosubstituted C_3-C_{10} cycloalkyl, up to per-halosubstituted
 C_{1-13} -heteroaryl, up to per-halosubstituted C_{6-14} -aryl, and up to per-halosubstituted
 25 C_{7-24} -alkaryl;

R^c is hydrogen, halogen, C_{1-10} -alkyl, up to per-halosubstituted C_{1-10} -alkyl or
 combines with R^1 and the ring carbon atoms to which R^1 and R^c are bound to form a 5
 or 6 member cycloalkyl, aryl or heteroaryl ring with 0-2 members selected from O, N,
 and S,

30 B is up to a tricyclic aromatic ring structure selected from the group consisting
 of:





which is substituted or unsubstituted by halogen, up to per-halosubstitution, and wherein $n = 0-2$; each X^1 is independently selected from the group of X or from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{OR}^5$, $-\text{NO}_2$, $-\text{NR}^5\text{R}^{5'}$, $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, C_{1-10} -alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl and $\text{C}_7\text{-C}_{24}$ alkaryl, and X is selected from the group consisting of $-\text{SR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $\text{NR}^5\text{C}(\text{O})\text{R}^5$, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted C_{2-10} -alkenyl, substituted C_{1-10} -alkoxy, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_6\text{-C}_{14}$ aryl, substituted $\text{C}_7\text{-C}_{24}$ alkaryl, substituted $\text{C}_3\text{-C}_{13}$ heteroaryl, substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl, and $-\text{Y-Ar}$,

wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, NO_2 , $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$ and halogen up to per-halosubstitution;

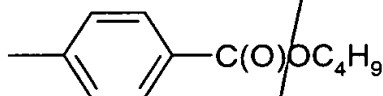
wherein R^5 and $\text{R}^{5'}$ are independently selected from H , $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, up to per-halosubstituted $\text{C}_1\text{-C}_{10}$ alkyl; up to per-halosubstituted C_{2-10} -alkenyl; up to per-halosubstituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, up to per-halosubstituted $\text{C}_6\text{-C}_{14}$ aryl and up to per-halosubstituted $\text{C}_3\text{-C}_{13}$ heteroaryl,

wherein Y is $-\text{O}-$, $-\text{S}-$, $-\text{N}(\text{R}^5)-$, $-(\text{CH}_2)_m-$, $-\text{C}(\text{O})-$, $-\text{CH}(\text{OH})-$, $-(\text{CH}_2)_m\text{O}-$, $-\text{NR}^5\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})-$, $-\text{C}(\text{O})\text{NR}^5-$, $-(\text{CH}_2)_m\text{S}-$, $-(\text{CH}_2)_m\text{N}(\text{R}^5)-$, $-\text{O}(\text{CH}_2)_m-$, $-\text{CHX}^a$, $-\text{CX}_2^a-$, $-\text{S}-(\text{CH}_2)_m-$ and $-\text{N}(\text{R}^5)(\text{CH}_2)_m-$,

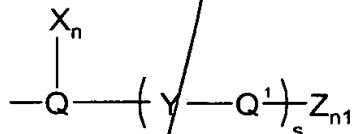
$m = 1-3$, and X^a is halogen; and

Ar is a 5-10 member aromatic structure containing 0-2 members of the group consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by

halogen up to per-halo and optionally substituted by Z_{n1} , wherein $n1$ is 0 to 3 and each Z is independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $=\text{O}$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{C}(\text{O})\text{R}^5$, $-\text{NO}_2$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{R}^{5'}$, $-\text{SO}_2\text{R}^5$, $-\text{SO}_2\text{R}^5\text{R}^{5'}$, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_1\text{-C}_{10}$ alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_7\text{-C}_{24}$ alkaryl and substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl; wherein if Z is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $=\text{O}$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NO}_2$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^{5'}$, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_1\text{-C}_{10}$ alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_4\text{-C}_{24}$ alkheteroaryl, and $\text{C}_7\text{-C}_{24}$ alkaryl, subject to the proviso that where R^1 is t-butyl and R^2 is methyl, B is not



32. A compound of claim 31, wherein B is



wherein

Y is selected from the group consisting of $-\text{O}-$, $-\text{S}-$, $-\text{CH}_2-$, $-\text{SCH}_2-$, $-\text{CH}_2\text{S}-$, $-\text{CH}(\text{OH})-$, $-\text{C}(\text{O})-$, $-\text{CX}^a$, $-\text{CX}^a\text{H}-$, $-\text{CH}_2\text{O}-$, and $-\text{OCH}_2-$,

X^a is halogen,

Q is a six member aromatic structure containing 0-2 nitrogen, substituted or unsubstituted by halogen, up to per-halosubstitution;

Q^1 is a mono- or bicyclic aromatic structure of 3 to 10 carbon atoms and 0-4 members of the group consisting of N, O and S, unsubstituted or unsubstituted by halogen up to per-halosubstitution,

X, Z, n and $n1$ are as defined in claim 31 and $s = 0$ or 1.

33. A compound of claim 32, wherein

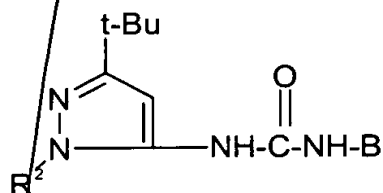
Q is phenyl or pyridinyl, substituted or unsubstituted by halogen, up to per-halosubstitution,

Q' is selected from the group consisting of phenyl, pyridinyl, naphthyl, pyrimidinyl, quinoline, isoquinoline, imidazole and benzothiazolyl, substituted or unsubstituted by halogen, up to per-halo, or -Y-Q' is phthalimidinyl substituted or unsubstituted by halogen up to per-halosubstitution, and

Z and X are independently selected from the group consisting of $-R^6$, $-OR^6$ and $-NHR^7$, wherein R^6 is hydrogen, C_1 - C_{10} -alkyl or C_3 - C_{10} -cycloalkyl and R^7 is selected from the group consisting of hydrogen, C_3 - C_{10} -alkyl, C_3 - C_6 -cycloalkyl and C_6 - C_{10} -aryl, wherein R^6 and R^7 can be substituted by halogen or up to per-halosubstitution.

34. A compound of claim 32, wherein Q is phenyl or pyridinyl, Q' is pyridinyl, phenyl or benzothiazolyl, Y is $-O-$, $-S-$, $-CH_2S-$, $-SCH_2-$, $-CH_2O-$, $-OCH_2-$ or $-CH_2-$, and Z is $-SCH_3$, or $-NH-C(O)-C_pH_{2p+1}$, wherein p is 1-4, n = 0, s = 1 and n1 = 0-1.

35. A compound of claim 31 of the formula



wherein R^2 and B are as defined in claim 31.

36. A compound as in claim 31 selected from the group consisting of:

N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-phenyloxyphenyl)urea;

N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(3-(3-methylaminocarbonylphenyl)oxyphenyl)urea;

N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;

N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;

N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;

N-(3-*tert*-Butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)methylphenyl)urea;

N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-phenyloxyphenyl)urea;

N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;

N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-((4-(4-pyridinyl)thiomethyl)phenyl)urea;

N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;

N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;

5 *N*-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-((4-(4-pyridinyl)methoxy)phenyl)urea;

N-(1-Methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(2-benzothiazolyl)oxyphenyl)urea;

N-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)thiophenyl) urea;

10 *N*-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)thiophenyl) urea;

N-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)oxyphenyl) urea;

N-(3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)oxyphenyl) urea;

N-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)thiophenyl) urea;

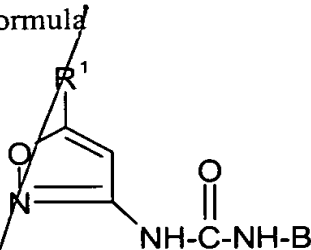
N-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)thiophenyl) urea;

15 *N*-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(3-(4-pyridyl)oxyphenyl) urea;

N-(1-methyl-3-*tert*-butyl-5-pyrazolyl)-*N'*-(4-(4-pyridyl)oxyphenyl) urea;

and pharmaceutically acceptable salts thereof.

20 37. A compound of the formula



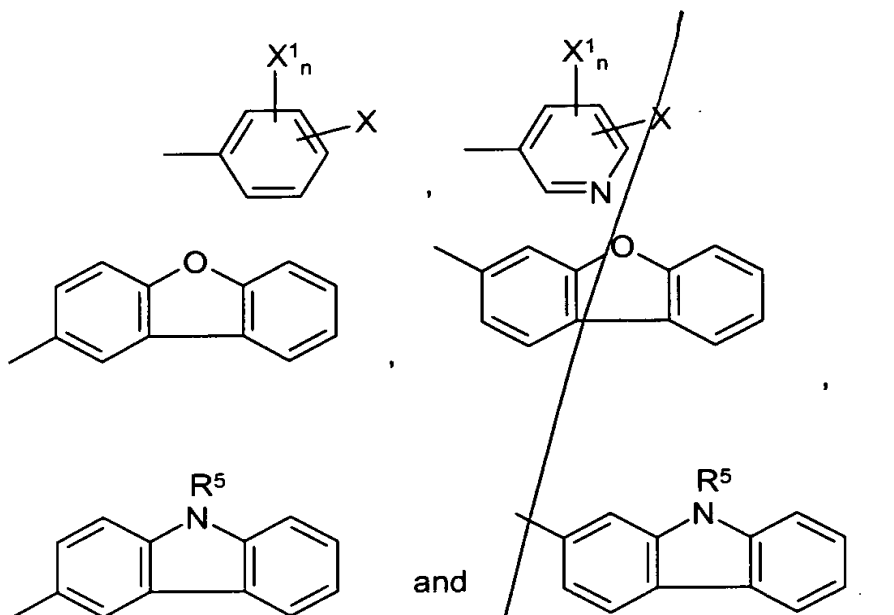
wherein R^1 is selected from the group consisting of halogen, C_3 - C_{10} alkyl, C_3 - C_{10} cycloalkyl,

C_{1-13} -heteroaryl, C_{6-14} -aryl, C_{7-24} -alkaryl, up to per-halosubstituted C_1 - C_{10} alkyl and per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_{1-13} -heteroaryl, up to per-halosubstituted C_{6-14} -aryl, and up to per-halosubstituted C_{7-24} -alkaryl;

25 B is up to a tricyclic aromatic ring structure selected from the group consisting of

099780 09704960

Sub
A₁₀



which is substituted or unsubstituted by halogen, up to per-halosubstitution, and wherein $n = 0-2$;

each X^1 is independently selected from the group of X or from the group consisting of
 5 $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{OR}^5$, $-\text{NO}_2$, $-\text{NR}^5\text{R}^{5'}$, $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, C_{1-10} -alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl and $\text{C}_7\text{-C}_{24}$ alkaryl, and

X is selected from the group consisting of $-\text{SR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $\text{NR}^5\text{C}(\text{O})\text{R}^5$, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted C_{2-10} -alkenyl, substituted C_{1-10} -alkoxy, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_6\text{-C}_{14}$ aryl,
 10 substituted $\text{C}_7\text{-C}_{24}$ alkaryl, substituted $\text{C}_3\text{-C}_{13}$ heteroaryl, substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl, and $-\text{Y-Ar}$, and

wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, NO_2 , $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$ and
 15 halogen up to per-halosubstitution;

wherein R^5 and $\text{R}^{5'}$ are independently selected from H , $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, up to per-halosubstituted $\text{C}_1\text{-C}_{10}$ alkyl, up to per-halosubstituted C_{2-10} -alkenyl, up to per-halosubstituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, up to per-halosubstituted $\text{C}_6\text{-C}_{14}$ aryl and up to per-halosubstituted $\text{C}_3\text{-C}_{13}$ heteroaryl,
 20

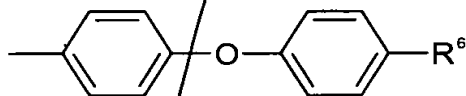
wherein Y is -O-, -S-, -N(R⁵)-, -(CH₂)_m-, -C(O)-, -CH(OH)-, -(CH₂)_mO-,
-NR⁵C(O)NR⁵R^{5'}-, -NR⁵C(O)-, -C(O)NR⁵-, -(CH₂)_mS-, -(CH₂)_mN(R⁵)-, -O(CH₂)_m-,
-CHX^a-, -CX^a₂-, -S-(CH₂)_m- and -N(R⁵)(CH₂)_m-,

m = 1-3, and X^a is halogen; and

5 Ar is a 5-10 member aromatic structure containing 0-2 members of the group
consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by
halogen up to per-halo and optionally substituted by Z_{n1}, wherein n1 is 0 to 3 and each
Z is independently selected from the group consisting of -CN, -CO₂R⁵, -C(O)R⁵, =O,
-C(O)NR⁵R^{5'}, -C(O)R⁵, -NO₂, -OR⁵, -SR⁵, -NR⁵R^{5'}, -NR⁵C(O)OR^{5'}, -NR⁵C(O)R^{5'}, -
10 SO₂R⁵, -SO₂R⁵R^{5'}, C₁-C₁₀ alkyl, C₁-C₁₀ alkoxy, C₃-C₁₀ cycloalkyl, C₆-C₁₄ aryl, C₃-C₁₃
heteroaryl, C₇-C₂₄ alkaryl, C₄-C₂₃ alkheteroaryl, substituted C₁-C₁₀ alkyl, substituted
C₃-C₁₀ cycloalkyl, substituted C₇-C₂₄ alkaryl and substituted C₄-C₂₃ alkheteroaryl;
wherein if Z is a substituted group, it is substituted by one or more substituents
independently selected from the group consisting of -CN, -CO₂R⁵, -C(O)NR⁵R^{5'}, =O,
15 -OR⁵, -SR⁵, -NO₂, -NR⁵R^{5'}, -NR⁵C(O)R^{5'}, -NR⁵C(O)OR^{5'}, C₁-C₁₀ alkyl, C₁-C₁₀
alkoxyl, C₃-C₁₀ cycloalkyl, C₃-C₁₃ heteroaryl, C₆-C₁₄ aryl, C₄-C₂₄ alkheteroaryl, and
C₇-C₂₄ alkaryl,

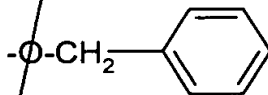
subject to the proviso that where R¹ is t-butyl,

B is not



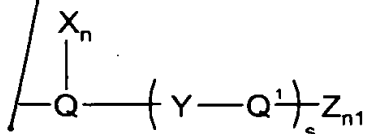
20

wherein R⁶ is -NHC(O)-O-t-butyl, -O-n-pentyl, -O-n-butyl, -O-n-propyl,
-C(O)NH-(CH₃)₂, -OCH₂CH(CH₃)₂, or



25

38. A compound of claim 37, wherein B is
wherein



Y is selected from the group consisting of -O-, -S-, -CH₂-, -SCH₂-, -CH₂S-,
-CH(OH)-, -C(O)-, -CX^a₂, -CX^aH-, -CH₂O- and -OCH₂-,

X^a is halogen,

Q is a six member aromatic structure containing 0-2 nitrogen; substituted or
5 unsubstituted by halogen, up to per-halosubstitution;

Q¹ is a mono- or bicyclic aromatic structure of 3 to 10 carbon atoms and 0-4
members of the group consisting of N, O and S, unsubstituted or unsubstituted by
halogen up to per-halosubstitution,

X, Z, n and n1 are as defined in claim 37 and s = 0 or 1.

10

39. A compound of claim 38, wherein

Q is phenyl or pyridinyl, substituted or unsubstituted by halogen, up to per-
halosubstitution,

Q¹ is selected from the group consisting of phenyl, pyridinyl, naphthyl,
15 pyrimidinyl, quinoline, isoquinoline, imidazole and benzothiazolyl, substituted or
unsubstituted by halogen, up to per-halo, or -Y-Q¹ is phthalimidinyl substituted or
unsubstituted by halogen up to per-halosubstitution, and

Z and X are independently selected from the group consisting of -R⁶, -OR⁶
and -NHR⁷, wherein R⁶ is hydrogen, C₁-C₁₀-alkyl or C₃-C₁₀-cycloalkyl and R⁷ is
20 selected from the group consisting of hydrogen, C₃-C₁₀-alkyl, C₃-C₆-cycloalkyl and
C₆-C₁₀-aryl, wherein R⁶ and R⁷ can be substituted by halogen or up to per-
halosubstitution.

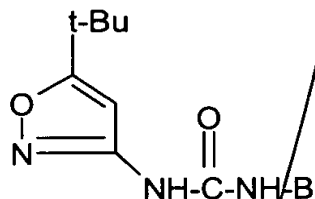
40. A compound of claim 38, wherein Q is phenyl or pyridinyl, Q¹ is
25 pyridinyl, phenyl or benzothiazolyl, Y is -O-, -S-, -C(O)- or -CH₂-, and Z is -NH-
C(O)-C_pH_{2p+1}, wherein p is 1-4, -CH₃, -OH, -OCH₃, -OC₂H₅, -CN or -C(O)CH₃, n = 0
or 1, s = 0 or 1 and n1 = 0 or 1.

41. A compound as in claim 22 selected from the group consisting of:
30 *N*-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(4-hydroxyphenyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(3-hydroxyphenyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(4-acetylphenyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-benzoylphenyl)urea;

N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-phenyloxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(3-methylaminocarbonylphenyl)-
 thiophenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(4-(1,2-methylenedioxy)phenyl)-
 oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(3-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(4-pyridyl)thiophenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(4-pyridinyl)methylphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(4-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(3-methyl-4-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(3-methyl-4-pyridinyl)thiophenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(3-methyl-4-pyridinyl)thiophenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(4-methyl-3-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(4-(3-methyl-4-pyridinyl)oxyphenyl)urea;
N-(5-*tert*-Butyl-3-isoxazolyl)-*N'*-(3-(2-benzothiazolyl)oxyphenyl)urea;

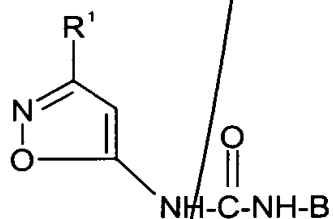
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-chloro-4-(4-(2-methylcarbamoyl)pyridyl)-
 oxyphenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(4-(2-methylcarbamoyl)pyridyl)-
 oxyphenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-
 thiophenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(2-methyl-4-(4-(2-methylcarbamoyl)pyridyl)-
 oxyphenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(4-(2-carbamoyl)pyridyl)oxyphenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-(4-(2-carbamoyl)pyridyl)oxyphenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-
 oxyphenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(4-(2-methylcarbamoyl)pyridyl)-
 thiophenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(3-chloro-4-(4-(2-methylcarbamoyl)pyridyl)-
 oxyphenyl) urea;
N-(5-*tert*-butyl-3-isoxazolyl)-*N'*-(4-(3-methylcarbamoyl)phenyl)oxyphenyl
 urea;
 and pharmaceutically acceptable salts thereof.

42. A compound of claim 37 of the formula



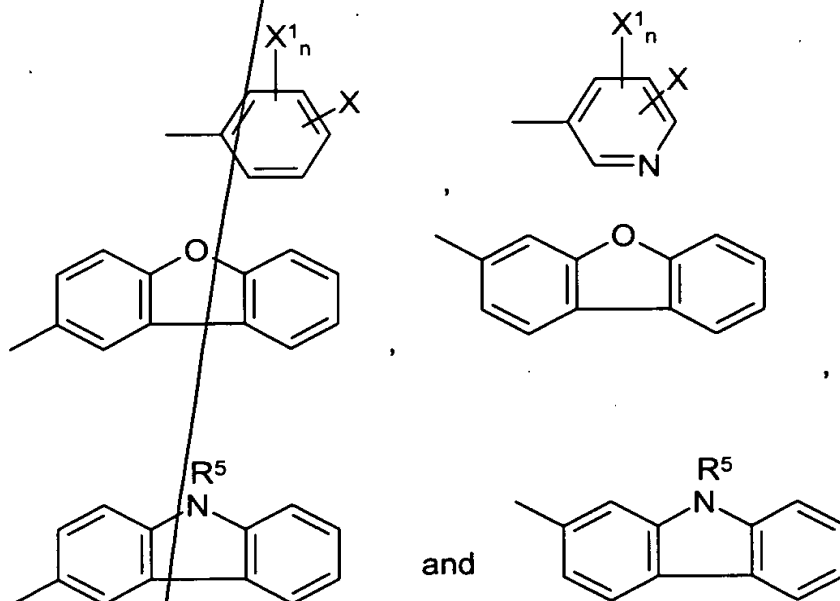
wherein B is as defined in claim 37.

43. A compound of the formula



wherein R¹ is selected from the group consisting of halogen, C₃-C₁₀ alkyl, C₁₋₁₃-heteroaryl, C₆₋₁₄-aryl, C₇₋₂₄-alkaryl, C₃-C₁₀ cycloalkyl, up to per-halosubstituted C₁-C₁₀ alkyl, per-halosubstituted C₃-C₁₀ cycloalkyl, up to per-halosubstituted C₁₋₁₃-heteroaryl, up to per-halosubstituted C₆₋₁₄-aryl, and up to per-halosubstituted C₇₋₂₄-alkaryl; and

B is an aromatic ring structure selected from the group consisting of



which is substituted or unsubstituted by halogen, up to per-halosubstitution, and wherein $n = 0-2$;

each X^1 is independently selected from the group of X or from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^5$, $-\text{OR}^5$, $-\text{NO}_2$, $-\text{NR}^5\text{R}^5$, $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, C_{1-10} -alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl and $\text{C}_7\text{-C}_{24}$ alkaryl, and

X is selected from the group consisting of $-\text{SR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $\text{NR}^5\text{C}(\text{O})\text{R}^5$, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted C_{2-10} -alkenyl, substituted C_{1-10} -alkoxy, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_6\text{-C}_{14}$ aryl, substituted $\text{C}_7\text{-C}_{24}$ alkaryl, substituted $\text{C}_3\text{-C}_{13}$ heteroaryl, substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl, and $-\text{Y-Ar}$, and wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^5$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^5$, NO_2 , $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$ and halogen up to per-halosubstitution;

wherein R^5 and R^5 are independently selected from H , $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, up to per-halosubstituted $\text{C}_1\text{-C}_{10}$ alkyl, up to per-halosubstituted C_{2-10} -alkenyl, up to per-halosubstituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, up to per-halosubstituted $\text{C}_6\text{-C}_{14}$ aryl and up to per-halosubstituted $\text{C}_3\text{-C}_{13}$ heteroaryl,

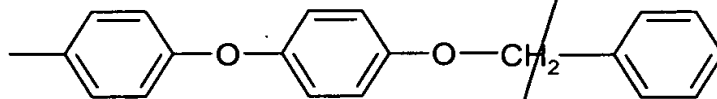
wherein Y is $-\text{O}-$, $-\text{S}-$, $-\text{N}(\text{R}^5)-$, $-(\text{CH}_2)_m-$, $-\text{C}(\text{O})-$, $-\text{CH}(\text{OH})-$, $-(\text{CH}_2)_m\text{O}-$, $-\text{NR}^5\text{C}(\text{O})\text{NR}^5\text{R}^5-$, $-\text{NR}^5\text{C}(\text{O})-$, $-\text{C}(\text{O})\text{NR}^5-$, $-(\text{CH}_2)_m\text{S}-$, $-(\text{CH}_2)_m\text{N}(\text{R}^5)-$, $-\text{O}(\text{CH}_2)_m-$, $-\text{CHX}^a$, $-\text{CX}_2^a$, $-\text{S}(\text{CH}_2)_m-$ and $-\text{N}(\text{R}^5)(\text{CH}_2)_m-$,

$m = 1-3$, and X^a is halogen; and

Ar is a 5- or 6-member aromatic structure containing 0-2 members of the group consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by halogen up to per-halo and optionally substituted by Z_{n1} , wherein $n1$ is 0 to 3 and each Z is independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $=\text{O}$, $-\text{C}(\text{O})\text{NR}^5\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{NO}_2$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{SO}_2\text{R}^5$, $-\text{SO}_2\text{R}^5\text{R}^5$, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_1\text{-C}_{10}$ alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_7\text{-C}_{24}$ alkaryl and substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl; wherein if Z is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^5$, $=\text{O}$,

$-\text{OR}^5$, $-\text{SR}^5$, $-\text{NO}_2$, $-\text{NR}^5\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{R}^5$ and $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_1\text{-C}_{10}$ alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_4\text{-C}_{24}$ alkheteroaryl, and $\text{C}_7\text{-C}_{24}$ alkaryl,

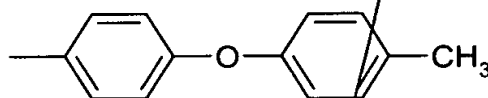
and where R^1 is t-butyl, B is not



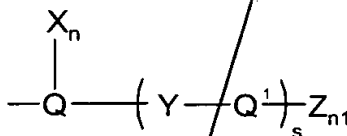
5

and where R^1 is $-\text{CH}_2\text{-t-butyl}$,

B is not



44. A compound of claim 43, wherein B is



10

wherein

Y is selected from the group consisting of $-\text{O}-$, $-\text{S}-$, $-\text{CH}_2-$, $-\text{SCH}_2-$, $-\text{CH}_2\text{S}-$, $-\text{CH}(\text{OH})-$, $-\text{C}(\text{O})-$, $-\text{CX}^a$, $-\text{CX}^a\text{H}-$, $-\text{CH}_2\text{O}-$ and $-\text{OCH}_2-$,

X^a is halogen,

15

Q is a six member aromatic structure containing 0-4 nitrogen, substituted or unsubstituted by halogen, up to per-halosubstitution;

Q^1 is a mono- or bicyclic aromatic structure of 3 to 10 carbon atoms and 0-2 members of the group consisting of N, O and S, unsubstituted or unsubstituted by halogen up to per-halosubstitution,

X, Z, n and n_1 are as defined in claim 43 and $s = 0$ or 1.

20

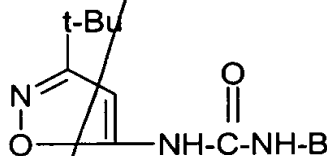
45. A compound of claim 44, wherein

Q is phenyl or pyridinyl, substituted or unsubstituted by halogen, up to per-halosubstitution,

Q¹ is selected from the group consisting of phenyl, pyridinyl, naphthyl, pyrimidinyl, quinoline, isoquinoline, imidazole and benzothiazolyl, substituted or unsubstituted by halogen, up to per-halo, or -Y-Q¹ is phthalimidinyl substituted or unsubstituted by halogen up to per-halosubstitution, and

5 Z and X are independently selected from the group consisting of -R⁶, -OR⁶ and -NHR⁷, wherein R⁶ is hydrogen, C₁-C₁₀-alkyl or C₃-C₁₀-cycloalkyl and R⁷ is selected from the group consisting of hydrogen, C₃-C₁₀-alkyl, C₃-C₆-cycloalkyl and C₆-C₁₀-aryl, wherein R⁶ and R⁷ can be substituted by halogen or up to per-halosubstitution.

10 46. A compound of claim 43 of the formula



wherein B is as defined in claim 43.

15 47. A compound of claim 44, wherein Q is is phenyl or pyridinyl, Q¹ is phenyl, benzothiazolyl or pyridinyl, Y is -O-, -S- or -CH₂-, Z is -CH₃, -Cl-, OC₂H₅ or -OCH₃, n = 0, s = 1, and n1 = 0 or 1.

48. A compound as in claim 43 selected from the group consisting of:

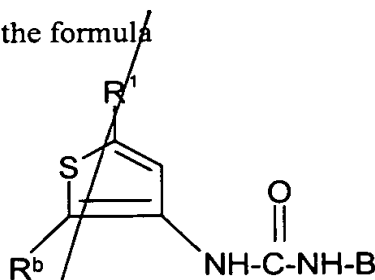
- N*-(3-Isopropyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-methoxyphenyl)oxyphenyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(5-(2-(4-acetylphenyl)oxy)pyridinyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)methylphenyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)thiophenyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(4-(4-methyl-3-pyridinyl)oxyphenyl)urea;
- N*-(3-*tert*-Butyl-5-isoxazolyl)-*N'*-(3-(2-benzothiazolyl)oxyphenyl)urea;

N-(3-(1,1-Dimethylpropyl)-5-isoxazolyl)-*N'*-(4-(4-methylphenyl)oxyphenyl)urea;

N-(3-(1,1-Dimethylpropyl)-5-isoxazolyl)-*N'*-(3-(4-pyridinyl)thiophenyl)urea;

- N -(3-(1,1-Dimethylpropyl)-5-isoxazolyl)- N' -(4-(4-pyridinyl)oxyphenyl)urea;
 N -(3-(1,1-Dimethylpropyl)-5-isoxazolyl)- N' -(4-(4-pyridinyl)thiophenyl)urea;
 N -(3-(1,1-Dimethylpropyl)-5-isoxazolyl)- N' -(5-(2-(4-methoxyphenyl)oxy)pyridinyl)urea;
5 N -(3-(1-Methyl-1-ethylpropyl)-5-isoxazolyl)- N' -(4-(4-pyridinyl)oxyphenyl)urea;
 N -(3-(1-Methyl-1-ethylpropyl)-5-isoxazolyl)- N' -(3-(4-pyridinyl)thiophenyl)urea;
 N -(3-isopropyl-5-isoxazolyl)- N' -(3-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;
10 N -(3-isopropyl-5-isoxazolyl)- N' -(4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;
 N -(3-*tert*-butyl-5-isoxazolyl)- N' -(3-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;
15 N -(3-*tert*-butyl-5-isoxazolyl)- N' -(4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;
 N -(3-*tert*-butyl-5-isoxazolyl)- N' -(3-(4-(2-methylcarbamoyl)pyridyl)-thiophenyl) urea;
 N -(3-(1,1-dimethylprop-1-yl)-5-isoxazolyl)- N' -(3-(4-(2-methylcarbamoyl)-pyridyl)oxyphenyl) urea;
20 N -(3-(1,1-dimethylprop-1-yl)-5-isoxazolyl)- N' -(4-(4-(2-methylcarbamoyl)-pyridyl)oxyphenyl) urea;
 N -(3-*tert*-butyl-5-isoxazolyl)- N' -(3-chloro-4-(4-(2-methylcarbamoyl)pyridyl)-thiophenyl) urea;
25 and pharmaceutically acceptable salts thereof.

49. A compound of the formula



- wherein R^1 is selected from the group consisting of halogen, C_3 - C_{10} alkyl, C_{1-13} -heteroaryl, C_{6-14} -aryl, C_{7-24} -alkaryl, C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_1 - C_{10} alkyl and up to per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_{1-13} -

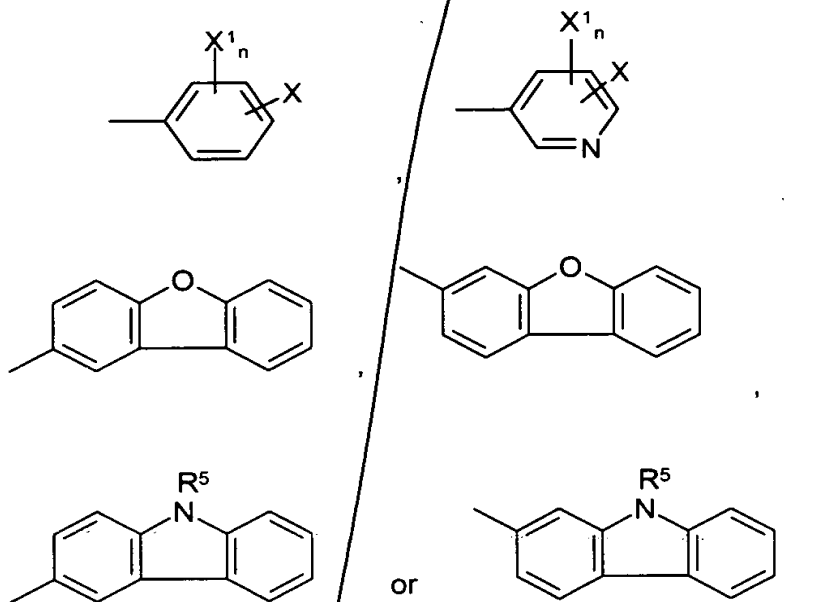
Sub
a''

heteroaryl, up to per-halosubstituted C_{6-14} -aryl, and up to per-halosubstituted C_{7-24} -alkaryl;

R^b is hydrogen or halogen and

B is an aromatic ring structure selected from the group consisting of

5



which is substituted or unsubstituted by halogen, up to per-halosubstitution, and

10 wherein $n = 0-2$; each X^1 is independently selected from the group consisting of X or from the group consisting of, $-CN$, $-OR^5$, $-NR^5R^5$, C_1-C_{10} alkyl; and

15 X is selected from the group consisting of $-CO_2R^5$, $-C(O)NR^5R^5$, $-C(O)R^5$, $-NO_2$, $-SR^5$, $-NR^5C(O)OR^5$, $-NR^5C(O)R^5$, C_3-C_{10} cycloalkyl, C_6-C_{14} aryl, C_7-C_{24} alkaryl, C_3-C_{13} heteroaryl, C_4-C_{23} alkheteroaryl, and substituted C_1-C_{10} alkyl, substituted C_{2-10} -alkenyl, substituted C_{1-10} -alkoxy, substituted C_3-C_{10} cycloalkyl, substituted C_6-C_{14} aryl, substituted C_7-C_{24} alkaryl, substituted C_3-C_{13} heteroaryl, substituted C_4-C_{23} alkheteroaryl, and $-Y-Ar$,

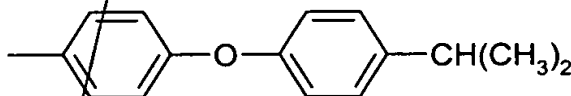
20 wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)R^5$, $-C(O)NR^5R^5$, $-OR^5$, $-SR^5$, $-NR^5R^5$, $-NO_2$, $-NR^5C(O)R^5$, $-NR^5C(O)OR^5$ and halogen up to per-halo substitution;

wherein R^5 and $R^{5'}$ are independently selected from H, C_1 - C_{10} alkyl, C_{2-10} -alkenyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, up to per-halosubstituted C_1 - C_{10} alkyl, up to per-halosubstituted C_{2-10} -alkenyl; up to per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_6 - C_{14} aryl and up to per-halosubstituted C_3 - C_{13} heteroaryl,

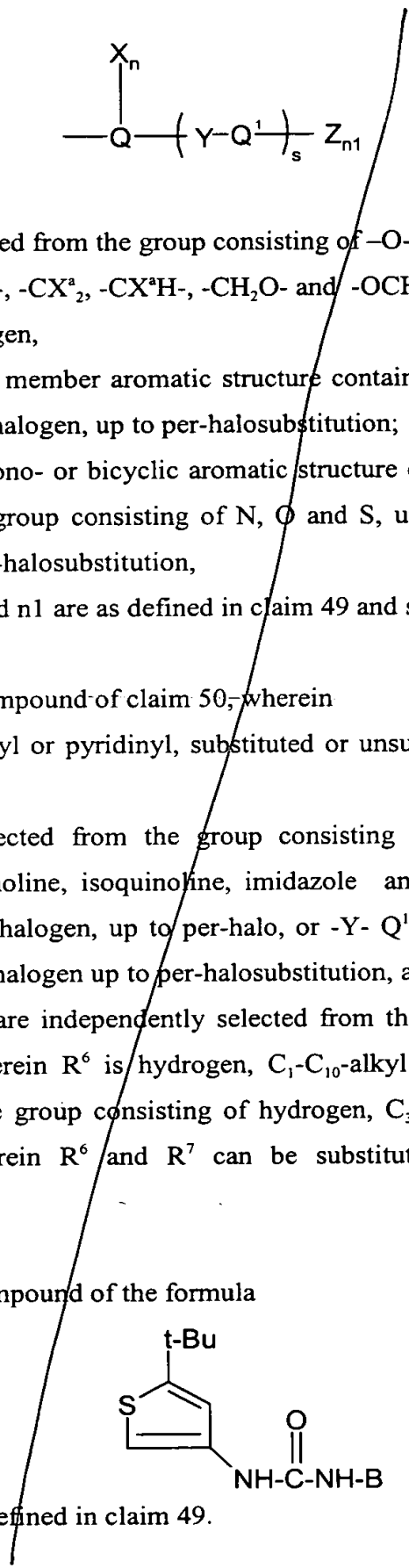
wherein Y is -O-, -S-, -N(R^5)-, $-(CH_2)_m-C(O)-$, $-CH(OH)-$, $-(CH_2)_mO-$, $-NR^5C(O)NR^5R^{5'}$ -, $-NR^5C(O)-$, $-C(O)NR^5$ -, $-(CH_2)_mS-$, $-(CH_2)_mN(R^5)$ -, $-O(CH_2)_m-$, $-CHX^a$, $-CX^a_2$ -, $-S-(CH_2)_m-$ and $-N(R^5)(CH_2)_m-$, $m = 1-3$, and X^a is halogen; and

Ar is a 5-10 member aromatic structure containing 0-2 members of the group consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by halogen up to per-halosubstitution and optionally substituted by Z_{n1} , wherein $n1$ is 0 to 3 and each Z is independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)R^5$, $=O$, $-C(O)NR^5R^{5'}$, $-C(O)-NR^5$, $-NO_2$, $-OR^5$, $-SR^5$, $-NR^5R^{5'}$, $-NR^5C(O)OR^5$, $-NR^5C(O)R^5$, $-SO_2R^5$, $-SO_2R^5R^{5'}$, C_1 - C_{10} alkyl, C_1 - C_{10} alkoxy, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, substituted C_1 - C_{10} alkyl, substituted C_3 - C_{10} cycloalkyl, substituted C_7 - C_{24} alkaryl and substituted C_4 - C_{23} alkheteroaryl; wherein if Z is a substituted group, it is substituted by the one or more substituents independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)NR^5R^{5'}$, $=O$, $-OR^5$, $-SR^5$, $-NO_2$, $-NR^5R^{5'}$, $-NR^5C(O)R^5$, $-NR^5C(O)OR^5$, C_1 - C_{10} alkyl, C_1 - C_{10} alkoxy, C_3 - C_{10} cycloalkyl, C_3 - C_{13} heteroaryl, C_6 - C_{14} aryl, C_4 - C_{24} alkheteroaryl, and C_7 - C_{24} alkaryl,

subject to the proviso that where R^1 is t-butyl and R^b is H, B is not of the formula



50. A compound of claim 49, wherein B is



Y is selected from the group consisting of -O-, -S-, -CH₂-, -SCH₂-, -CH₂S-, -CH(OH)-, -C(O)-, -CX^a-, -CX^aH-, -CH₂O- and -OCH₂-,

5 Q is a six member aromatic structure containing 0-2 nitrogen, substituted or unsubstituted by halogen, up to per-halosubstitution;

10 X, Z, n and n1 are as defined in claim 49 and s is 0 or 1.

Q is phenyl or pyridinyl, substituted or unsubstituted by halogen, up to perhalosubstitution.

15 Q¹ is selected from the group consisting of phenyl, pyridinyl, naphthyl, pyrimidinyl, quinoline, isoquinoline, imidazole and benzothiazolyl, substituted or unsubstituted by halogen, up to per-halo, or -Y- Q¹ is phthalimidinyl substituted or unsubstituted by halogen up to per-halosubstitution, and

20 Z and X are independently selected from the group consisting of $-R^6$, $-OR^6$ and $-NHR^7$, wherein R^6 is hydrogen, C_1 - C_{10} -alkyl or C_3 - C_{10} -cycloalkyl and R^7 is selected from the group consisting of hydrogen, C_3 - C_{10} -alkyl, C_3 - C_6 -cycloalkyl and C_6 - C_{10} -aryl, wherein R^6 and R^7 can be substituted by halogen or up to perhalosubstitution.

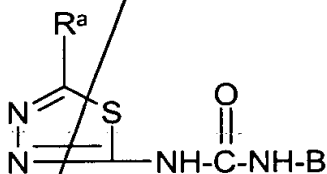
25 52. A compound of the formula



5

10

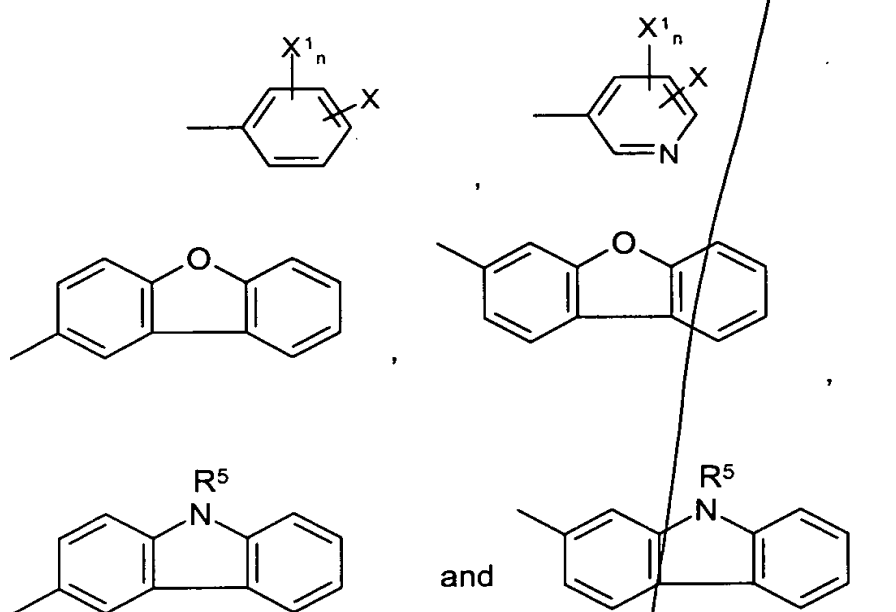
55. A compound of the formula



15

wherein R^a is C₁-C₁₀ alkyl, C₃-C₁₀ cycloalkyl, up to per-halosubstituted C₁-C₁₀ alkyl and per-halosubstituted C₃-C₁₀ cycloalkyl;

and B is an aromatic ring structure selected from the group consisting of



which is substituted or unsubstituted by halogen, up to per-halosubstitution, and wherein $n = 0-2$,

5 each X^1 is independently selected from the group consisting of X or from the group consisting of $-\text{CN}$, $-\text{NO}_2$, $-\text{OR}^5$ and $\text{C}_1\text{-C}_{10}$ alkyl, and

X is selected from the group consisting of $-\text{SR}^5$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^5$, $-\text{NR}^5\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{C}_3\text{-C}_{10}$ cycloalkyl, $-\text{C}_6\text{-C}_{14}$ aryl, $-\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, and substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted C_{2-10} -alkenyl, substituted C_{1-10} -alkoxy, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted aryl, substituted alkaryl, substituted heteroaryl, substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl and $-\text{Y-Ar}$;

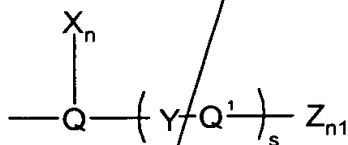
15 wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^5$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^5$, $-\text{NO}_2$, $-\text{NR}^5\text{C}(\text{O})\text{R}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^5$ and halogen up to per-halosubstitution;

20 wherein R^5 and R^5 are independently selected from H, $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, up to per-halosubstituted $\text{C}_1\text{-C}_{10}$ alkyl, up to per-halosubstituted C_{2-10} -alkenyl, up to per-halosubstituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, up to per-halosubstituted $\text{C}_6\text{-C}_{14}$ aryl and up to per-halosubstituted $\text{C}_3\text{-C}_{13}$ heteroaryl,

wherein Y is -O-, -S-, -N(R⁵)-, -(CH₂)_m-, -C(O)-, -CH(OH)-, -(CH₂)_mO-,
 -NR⁵C(O)NR⁵R^{5'}-, -NR⁵C(O)-, -C(O)NR⁵-, -(CH₂)_mS-, -(CH₂)_mN(R⁵)-, -O(CH₂)_m-,
 -CHX^a-, -CX^a₂-, -S-(CH₂)_m- and -N(R⁵)(CH₂)_m-, m = 1-3, and X^a is halogen; and

Ar is a 5-10 member aromatic structure containing 0-2 members of the group
 5 consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by
 halogen up to per-halo and optionally substituted by Z_{n1}, wherein n1 is 0 to 3 and each
 Z is independently selected from the group consisting of -CN, -CO₂R⁵, -C(O)R⁵, =O,
 -C(O)NR⁵R^{5'}-, -C(O)R⁵-, -NO₂-, -OR⁵-, -SR⁵-, -NR⁵R^{5'}-, -NR⁵C(O)OR⁵-, -NR⁵C(O)R⁵-,
 -SO₂R⁵-, -SO₂R⁵R^{5'}-, C₁-C₁₀ alkyl, C₁-C₁₀ alkoxy, C₃-C₁₀ cycloalkyl, C₆-C₁₄ aryl, C₃-C₁₃
 10 heteroaryl, C₇-C₂₄ alkaryl, C₄-C₂₃ alkheteroaryl, substituted C₁-C₁₀ alkyl, substituted
 C₃-C₁₀ cycloalkyl, substituted C₇-C₂₄ alkaryl and substituted C₄-C₂₃ alkheteroaryl;
 wherein if Z is a substituted group, it is substituted by one or more substituents
 independently selected from the group consisting of -CN, -CO₂R⁵-, -C(O)NR⁵R^{5'}-, =O,
 -OR⁵-, -SR⁵-, -NO₂-, -NR⁵R^{5'}-, -NR⁵C(O)R⁵ and -NR⁵C(O)OR⁵-, C₁-C₁₀ alkyl, C₁-C₁₀
 15 alkoxy, C₃-C₁₀ cycloalkyl, C₃-C₁₃ heteroaryl, C₆-C₁₄ aryl, C₄-C₂₄ alkheteroaryl, and
 C₇-C₂₄ alkaryl.

56. A compound as in claim 55, wherein B is



20

wherein

Y is selected from the group consisting of -O-, -S-, -CH₂-, -SCH₂-, -CH₂S-,
 -CH(OH)-, -C(O)-, -CX^a₂-, -CX^aH-, -CH₂O-, -OCH₂-,

X^a is halogen,

25

Q is a six member aromatic structure containing 0-2 nitrogen, substituted or
 unsubstituted by halogen, up to per-halosubstitution;

Q' is a mono- or bicyclic aromatic structure of 3 to 10 carbon atoms and 0-4
 members of the group consisting of N, O and S, unsubstituted or unsubstituted by
 halogen up to per-halosubstitution,

X, Z, n and n1 are as defined in claim 55, and s is 0 or 1.

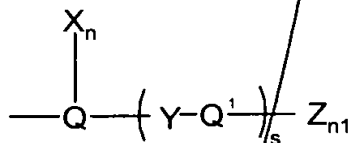
57. A compound as in claim 56, wherein

Q is phenyl or pyridinyl, substituted or unsubstituted by halogen, up to per-halosubstitution,

Q' is selected from the group consisting of phenyl, pyridinyl, naphthyl, pyrimidinyl, quinoline, isoquinoline, imidazole and benzothiazolyl, substituted or unsubstituted by halogen, up to per-halo, or -Y-Q' is phthalimidinyl substituted or unsubstituted by halogen up to per-halosubstitution, and

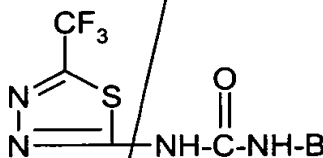
Z and X are independently selected from the group consisting of -R⁶, -OR⁶ and -NHR⁷, wherein R⁶ is hydrogen, C₁-C₁₀-alkyl or C₃-C₁₀-cycloalkyl and R⁷ is selected from the group consisting of hydrogen, C₃-C₁₀-alkyl, C₃-C₆-cycloalkyl and C₆-C₁₀-aryl, wherein R⁶ and R⁷ can be substituted by halogen or up to per-halosubstitution.

58. A compound as in claim 55, wherein B is of the formula



wherein Q is phenyl, Q' is phenyl or pyridinyl, Y is -O- or -S-, s = 1, n = 0 and n1 = 0.

59. A compound as in claim 55, of the formula



wherein B is as defined in claim 55.

60. A compound as in claim 55 selected from the group consisting of:

N-(5-*tert*-Butyl-2-(1-thia-3,4-diazolyl))-*N'*-(3-(4-pyridinyl)thiophenyl)urea;

N-(5-*tert*-Butyl-2-(1-thia-3,4-diazolyl))-*N'*-(4-(4-pyridinyl)oxyphenyl)urea;

N-(5-*tert*-butyl-2-(1-thia-3,4-diazolyl))-*N'*-(3-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

N-(5-*tert*-butyl-2-(1-thia-3,4-diazolyl))-*N'*-(4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

5 *N*-(5-*tert*-butyl-2-(1-thia-3,4-diazolyl))-*N'*-(3-chloro-4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

N-(5-*tert*-butyl-2-(1-thia-3,4-diazolyl))-*N'*-(2-chloro-4-(4-(2-methylcarbamoyl)pyridyl)-oxyphenyl) urea;

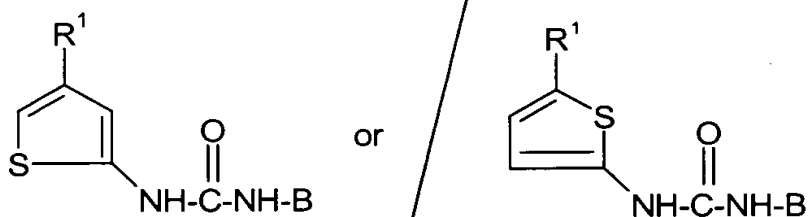
N-(5-*tert*-butyl-2-(1-thia-3,4-diazolyl))-*N'*-(3-(4-pyridyl)thiophenyl) urea;

10 *N*-(5-*tert*-butyl-2-(1-thia-3,4-diazolyl))-*N'*-(2-methyl-4-(4-(2-methylcarbamoyl)pyridyl)oxyphenyl) urea;

N-(5-(1,1-dimethylprop-1-yl)-2-(1-thia-3,4-diazolyl))-*N'*-(4-(3-carbamoylphenyl)oxyphenyl) urea;

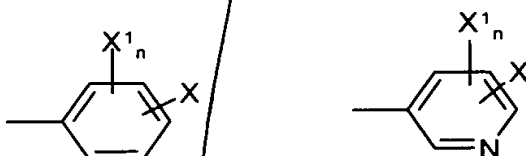
15 and pharmaceutically acceptable salts thereof.

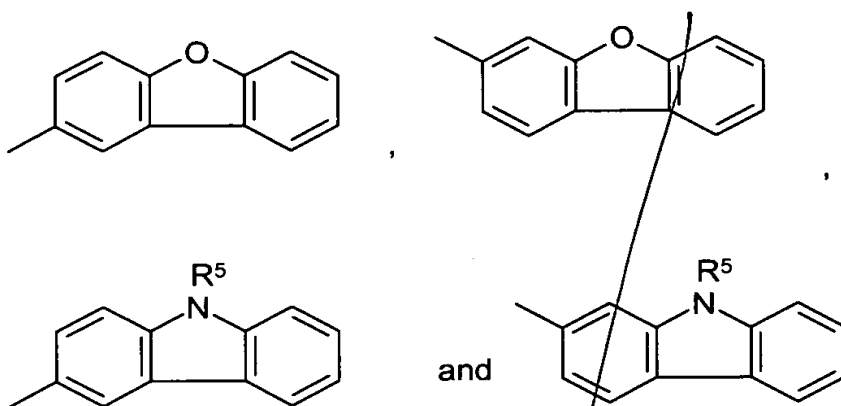
61. A compound of one of the formulae



20 R^1 is selected from the group consisting of halogen, C_3 - C_{10} alkyl, C_{1-13} -heteroaryl, C_{6-14} -aryl, C_{7-24} -alkaryl, C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_1 - C_{10} alkyl, up to per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_{1-13} -heteroaryl, up to per-halosubstituted C_{6-14} -aryl, and up to per-halosubstituted C_{7-24} -alkaryl;

B is an aromatic ring structure selected from the group consisting of





which is substituted or unsubstituted by halogen, up to per-halosubstitution, and wherein $n = 0-2$;

each X^1 is independently selected from the group consisting of X or from the group consisting of $-\text{CN}$, $-\text{OR}^5$, $-\text{NR}^5\text{R}^{5'}$, $\text{C}_1\text{-C}_{10}$ alkyl; and

X is selected from the group consisting of $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{C}(\text{O})\text{R}^5$, $=\text{O}$, $-\text{NO}_2$, $-\text{SR}^5$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{R}^{5'}$, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, and substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted C_{2-10} -alkenyl, substituted C_{1-10} -alkoxy, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_6\text{-C}_{14}$ aryl, substituted $\text{C}_7\text{-C}_{24}$ alkaryl, substituted $\text{C}_3\text{-C}_{13}$ heteroaryl, substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl, and $-\text{Y-Ar}$,

wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NO}_2$, $-\text{NR}^5\text{C}(\text{O})\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^{5'}$ and halogen up to per-halo substitution;

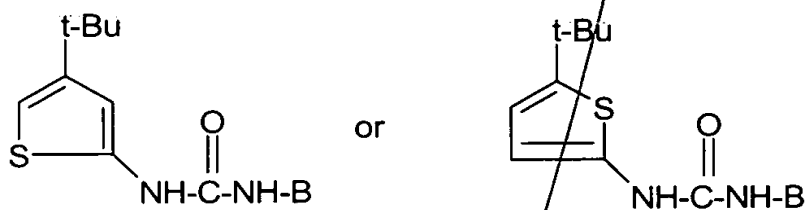
wherein R^5 and $\text{R}^{5'}$ are independently selected from H, $\text{C}_1\text{-C}_{10}$ alkyl, C_{2-10} -alkenyl, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, up to per-halosubstituted $\text{C}_1\text{-C}_{10}$ alkyl, up to per-halosubstituted C_{2-10} -alkenyl, up to per-halosubstituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, up to per-halosubstituted $\text{C}_6\text{-C}_{14}$ aryl and up to per-halosubstituted $\text{C}_3\text{-C}_{13}$ heteroaryl,

wherein Y is $-\text{O}-$, $-\text{S}-$, $-\text{N}(\text{R}^5)-$, $-(\text{CH}_2)_m-$, $-\text{C}(\text{O})-$, $-\text{CH}(\text{OH})-$, $-(\text{CH}_2)_m\text{O}-$, $-\text{NR}^5\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})-$, $-\text{C}(\text{O})\text{NR}^5-$, $-(\text{CH}_2)_m\text{S}-$, $-(\text{CH}_2)_m\text{N}(\text{R}^5)-$, $-\text{O}(\text{CH}_2)_m-$, $-\text{CHX}^a$, $-\text{CX}^a_2-$, $-\text{S}-(\text{CH}_2)_m-$ and $-\text{N}(\text{R}^5)(\text{CH}_2)_m-$,

$m = 1-3$, and X^a is halogen; and

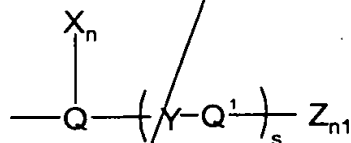
Ar is a 5-10 member aromatic structure containing 0-2 members of the group consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by halogen up to per-halosubstitution and optionally substituted by Z_{n1} , wherein $n1$ is 0 to 3 and each Z is independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $=\text{O}$, $-\text{C}(\text{O})\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $-\text{C}(\text{O})-\text{NR}^5$, $-\text{NO}_2$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{R}^{5'}$, $-\text{SO}_2\text{R}^5$, $-\text{SO}_2\text{R}^5\text{R}^{5'}$, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_1\text{-C}_{10}$ alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_7\text{-C}_{24}$ alkaryl, $\text{C}_4\text{-C}_{23}$ alkheteroaryl, substituted $\text{C}_1\text{-C}_{10}$ alkyl, substituted $\text{C}_3\text{-C}_{10}$ cycloalkyl, substituted $\text{C}_7\text{-C}_{24}$ alkaryl and substituted $\text{C}_4\text{-C}_{23}$ alkheteroaryl; wherein if Z is a substituted group, it is substituted by the one or more substituents independently selected from the group consisting of $-\text{CN}$, $-\text{CO}_2\text{R}^5$, $-\text{C}(\text{O})\text{NR}^5\text{R}^{5'}$, $=\text{O}$, $-\text{OR}^5$, $-\text{SR}^5$, $-\text{NO}_2$, $-\text{NR}^5\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{R}^{5'}$, $-\text{NR}^5\text{C}(\text{O})\text{OR}^{5'}$, $\text{C}_1\text{-C}_{10}$ alkyl, $\text{C}_1\text{-C}_{10}$ alkoxy, $\text{C}_3\text{-C}_{10}$ cycloalkyl, $\text{C}_3\text{-C}_{13}$ heteroaryl, $\text{C}_6\text{-C}_{14}$ aryl, $\text{C}_4\text{-C}_{24}$ alkheteroaryl, and $\text{C}_7\text{-C}_{24}$ alkaryl.

62. A compound of one of the formulae



wherein B is as defined in claim 61.

63. A compound of claim 61, wherein B is



wherein

Y is selected from the group consisting of $-\text{O}-$, $-\text{S}-$, $-\text{CH}_2-$, $-\text{SCH}_2-$, $-\text{CH}_2\text{S}-$, $-\text{CH}(\text{OH})-$, $-\text{C}(\text{O})-$, $-\text{CX}^a$, $-\text{CX}^a\text{H}-$, $-\text{CH}_2\text{O}-$ and $-\text{OCH}_2-$,

X^a is halogen,

Q is a six member aromatic structure containing 0-2 nitrogen, substituted or unsubstituted by halogen, up to per-halosubstitution;

Q¹ is a mono- or bicyclic aromatic structure of 3 to 10 carbon atoms and 0-4 members of the group consisting of N, O and S, unsubstituted or unsubstituted by halogen up to per-halosubstitution,

X, Z, n and n1 are as defined in claim 61 and s is 0 or 1.

5

64. A compound of claim 63, wherein

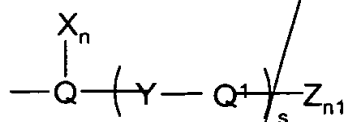
Q is phenyl or pyridinyl, substituted or unsubstituted by halogen, up to per-halosubstitution,

Q¹ is selected from the group consisting of phenyl, pyridinyl, naphthyl, pyrimidinyl, quinoline, isoquinoline, imidazole and benzothiazolyl, substituted or unsubstituted by halogen, up to per-halo, or -Y- Q¹ is phthalimidinyl substituted or unsubstituted by halogen up to per-halosubstitution, and

Z and X are independently selected from the group consisting of -R⁶, -OR⁶ and -NHR⁷, wherein R⁶ is hydrogen, C₁-C₁₀-alkyl or C₃-C₁₀-cycloalkyl and R⁷ is selected from the group consisting of hydrogen, C₃-C₁₀-alkyl, C₃-C₆-cycloalkyl and C₆-C₁₀-aryl, wherein R⁶ and R⁷ can be substituted by halogen or up to per-halosubstitution.

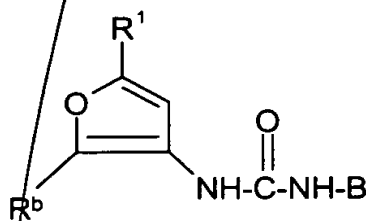
65. A compound of claim 61, wherein B is up to per-halosubstituted phenyl, up to perhalosubstituted pyridinyl, or of the formula

20



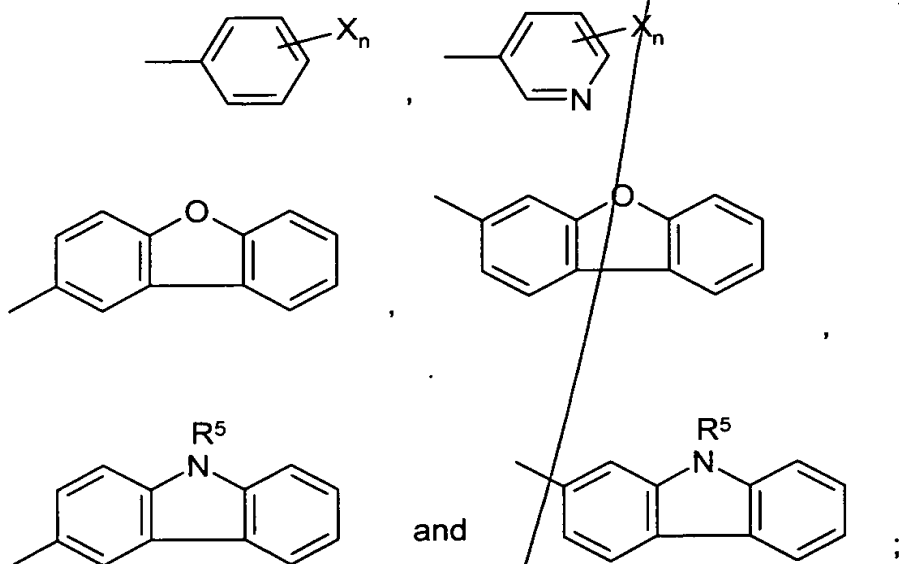
wherein Q is phenyl, Q¹ is phenyl or pyridinyl, and Y is -O- or -S-, Z is -Cl, -CH₃, -OH or OCH₃, n = 0, s = 0 or 1 and n1 = 0-2.

66. A compound of the formula



wherein R^1 is selected from the group consisting of halogen, C_3 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, C_{1-13} -heteroaryl, C_{6-14} -aryl, C_{7-24} -alkaryl, up to per-halosubstituted C_1 - C_{10} alkyl and up to per-halosubstituted C_3 - C_{10} cycloalkyl up to per-halosubstituted C_{1-13} -heteroaryl, up to per-halosubstituted C_{6-14} -aryl, up to per-halosubstituted C_{7-24} -alkaryl; R^b is hydrogen or halogen and

wherein B is up to a tricyclic aromatic ring structure selected from the group consisting of



which is substituted or unsubstituted by halogen, up to per-halosubstitution, and wherein

$n = 0-3$ and

each X is independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)NR^5R^5$, $-C(O)R^5$, $-NO_2$, $-OR^5$, $-SR^5$, $-NR^5R^5$, $-NR^5C(O)OR^5$, $-NR^5C(O)R^5$, C_1 - C_{10} alkyl, C_{2-10} -alkenyl, C_{1-10} -alkoxy, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_7 - C_{24} alkaryl, C_3 - C_{13} heteroaryl, C_4 - C_{23} alkheteroaryl, and substituted C_1 - C_{10} alkyl, substituted C_{2-10} -alkenyl, substituted C_{1-10} -alkoxy, substituted C_3 - C_{10} cycloalkyl, substituted C_4 - C_{23} alkheteroaryl and $-Y-Ar$;

wherein if X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)R^5$, $-C(O)NR^5R^5$, $-OR^5$, $-SR^5$, $-NR^5R^5$, $-NO_2$, $-NR^5C(O)R^5$, $-NR^5C(O)OR^5$ and halogen up to per-halosubstitution;

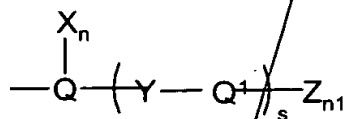
wherein R^5 and $R^{5'}$ are independently selected from H, C_1 - C_{10} alkyl, C_{2-10} alkenyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, up to per-halosubstituted C_1 - C_{10} alkyl, up to per-halosubstituted C_{2-10} alkenyl, up to per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_6 - C_{14} aryl and up to per-halosubstituted C_3 - C_{13} heteroaryl,

wherein Y is -O-, -S-, -N(R^5)-, $-(CH_2)_m$ -, -C(O)-, -CH(OH)-, $-(CH_2)_m$ O-, -NR⁵C(O)NR⁵R^{5'}-, -NR⁵C(O)-, -C(O)NR⁵-, $-(CH_2)_m$ S-, $-(CH_2)_m$ N(R^5)-, -O(CH_2)_m-, -CHX^a-, -CX^a₂-, -S-(CH_2)_m- and -N(R^5)(CH_2)_m-,

$m = 1-3$, and X^a is halogen; and

Ar is a 5-10 member aromatic structure containing 0-2 members of the group consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by halogen up to per-halo and optionally substituted by Z_{n1} , wherein $n1$ is 0 to 3 and each Z is independently selected from the group consisting of -CN, -CO₂R⁵, -C(O)R⁵, =O, -C(O)NR⁵R^{5'}-, -C(O)R⁵-, -NO₂-, -OR⁵-, -SR⁵-, -NR⁵R^{5'}-, -NR⁵C(O)OR^{5'}-, -NR⁵C(O)R^{5'}-, SO₂R⁵-, -SO₂R⁵R^{5'}-, C_1 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, substituted C_1 - C_{10} alkyl, substituted C_3 - C_{10} cycloalkyl, substituted C_7 - C_{24} alkaryl and substituted C_4 - C_{23} alkheteroaryl; wherein if Z is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of -CN, -CO₂R⁵, -C(O)NR⁵R^{5'}-, =O, -OR⁵-, -SR⁵-, -NO₂-, -NR⁵R^{5'}-, -NR⁵C(O)R^{5'}-, -NR⁵C(O)OR^{5'}-, C_1 - C_{10} alkyl, C_1 - C_{10} alkoxyl, C_3 - C_{10} cycloalkyl, C_3 - C_{13} heteroaryl, C_6 - C_{14} aryl, C_4 - C_{24} alkheteroaryl, and C_7 - C_{24} alkaryl.

67. A compound of claim 66, wherein B is



wherein

Y is selected from the group consisting of -O-, -S-, -CH₂-, -SCH₂-, -CH₂S-, -CH(OH)-, -C(O)-, -CX^a₂-, -CX^aH-, -CH₂O- and -OCH₂-,

X^a is halogen,

Q is a six member aromatic structure containing 0-2 nitrogen; substituted or unsubstituted by halogen, up to per-halosubstitution;

Q' is a mono- or bicyclic aromatic structure of 3 to 10 carbon atoms and 0-4 members of the group consisting of N, O and S, unsubstituted or unsubstituted by halogen up to per-halosubstitution,

X, Z, n and n1 are as defined in claim 65 and s is 0 or 1.

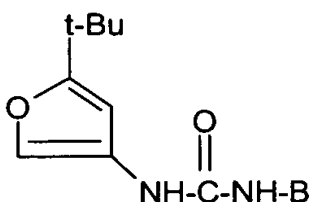
68. A compound of claim 67, wherein

Q is phenyl or pyridinyl, substituted or unsubstituted by halogen, up to per-halosubstitution,

Q' is selected from the group consisting of phenyl, pyridinyl, naphthyl, pyrimidinyl, quinoline, isoquinoline, imidazole and benzothiazolyl, substituted or unsubstituted by halogen, up to per-halo, or -Y-Q' is phthalimidinyl substituted or unsubstituted by halogen up to per-halosubstitution, and

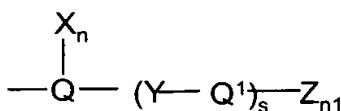
Z and X are independently selected from the group consisting of -R⁶, -OR⁶ and -NHR⁷, wherein R⁶ is hydrogen, C₁-C₁₀-alkyl or C₃-C₁₀-cycloalkyl and R⁷ is selected from the group consisting of hydrogen, C₃-C₁₀-alkyl, C₃-C₆-cycloalkyl and C₆-C₁₀-aryl, wherein R⁶ and R⁷ can be substituted by halogen or up to per-halosubstitution.

69. A compound of the formula



wherein B is as defined in claim 66.

70. A compound as in claim 66, wherein B is of the formula



Q is phenyl, Q' is phenyl or pyridinyl, and Y is -O- or -S-, Z is -Cl or -OCH₃, n = 0, s = 0 and n1 = 0-2.

71. A pharmaceutical composition comprising a compound according to claim 31 and a physiologically acceptable carrier.

72. A pharmaceutical composition comprising a compound according to claim 37 and a physiologically acceptable carrier.

73. A pharmaceutical composition comprising a compound according to claim 43 and a physiologically acceptable carrier.

74. A pharmaceutical composition comprising a compound according to claim 49 and a physiologically acceptable carrier.

75. A pharmaceutical composition comprising a compound according to claim 55 and a physiologically acceptable carrier.

77. A pharmaceutical composition comprising a compound according to claim
5 66 and a physiologically acceptable carrier.

add a^{13}